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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/021,523	12/12/2001	Yuichi Matsumoto	1232-4798	8524

27123 7590 07/18/2007  
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EXAMINER
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TOPGYAL, GELEK W

ART UNIT	PAPER NUMBER
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2621

MAIL DATE	DELIVERY MODE
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07/18/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No. 10/021,523	Applicant(s) MATSUMOTO ET AL.	
	Examiner Gelek Topgyal	Art Unit 2621	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 5/24/2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 September 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                            |                                                                                         |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                                           | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed 5/24/2007 have been fully considered but they are not persuasive.

In re page 4, the applicants argue that Saito fails to teach that "a communication unit sends operation information to the controlled device, the operation information including a shifting history of a cursor displayed on the control panel, wherein the shifting history represents a list of buttons depressed by the cursor."

In response, the examiner respectfully disagrees. Firstly, the applicants do not specifically and distinctly point out the error in the Office Action. Saito does in fact teach the claimed limitation. The succession of each operation selected by the user as discussed above (e.g. a user selects a "play" button from the displayed control panel, and a minute into the program, the user selects a "fast forward", "reverse", etc) has sent a history (more than one button selection) of where the cursor has been due to the ability of the system to highlight a particular button and via the selection of each button displayed on the control panel. In regard to the limitation of "the shifting history represents a list of buttons depressed by the cursor", as discussed above, the system of Saito et al. meets the claimed shifting history. Each user selection is a button that a user has highlighted (meeting claimed "cursor") and selected (meeting claimed "depressed"). As such in light of new interpretation of the claimed limitations following the amendment filed 5/24/07, Saito et al. does teach all the claimed limitations.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. **Claims 1-12** are rejected under 35 U.S.C. 102(e) as being anticipated by Saito et al (US 6,523,696).

**Regarding claim 1**, Saito teaches a control device for remotely controlling a controlled device comprising:

a display unit which displays a control panel of the controlled device (third embodiment, col. 32-37, describes a system that displays a control panel of a secondary devices connected through a network. Figure 28 displays a list of the devices connected through a network. Figure 31 shows an example of a control panel of a networked device (DVD player) which meets the limitation of displaying a control panel);  
and

a communication unit for sending operation information to the controlled device, the operation information including a shifting history of a cursor (*As seen in Figures 5 and 7, the AV devices can be a TV, DVD or VTR, which are controlled by a remote control. Menus for controls on conventional remote controlled devices highlight (which reads on the claimed "cursor") a particular button so that the user knows which button is primed for selection by pressing an "enter" key)* displayed on the control panel (third embodiment, col. 32-37 discloses that when a menu for a device (DVD Player, Fig. 31) is displayed, the user has the ability to select the any of the options available (Fig. 31, i201-i210), when selected by way of clicking on the buttons i201-i210 a corresponding command to the user's clicking is sent to the DVD player or VTR player. The command sent from by way of user selection by clicking on a choice i201-210 meets the limitation of sending operation information to the controlled device. *The succession of each operation selected by the user as discussed above (e.g. a user selects a "play" button from the displayed control panel, and a minute into the program, the user selects a "fast forward", "reverse", etc) has sent a history of where the cursor has been due to the ability of the system to highlight a particular button (as discussed above) and via the selection of each button displayed on the control panel.)*

wherein the shifting history represents a list of buttons depressed by the cursor (*As discussed above, the system of Saito et al. meets the claimed shifting history. Each user selection is a button that a user has highlighted (meeting claimed "cursor") and selected (meeting claimed "depressed")*).

**Regarding claim 2**, Saito teaches that the control device is a TV (Col. 37, lines 3-15) and that the controlled device is a videocassette recorder (col. 34, lines 35-44).

**Regarding claim 3**, Saito teaches that similar to the VCR and the DVD player, the system has the ability to connect to a digital album server (col. 32, lines 25-32).

**Regarding claims 4, 9 and 10**, Saito teaches the claimed wherein the communication unit communicates with the controlled device via a serial bus conformed to IEEE 1394 protocol (Fig. 27, col. 32, lines 33-58, col. 32, lines 15-24).

**Regarding claim 5**, Saito teaches a controlled device controlled remotely by a control device comprising:

a communication unit sends a control panel of the controlled device to the control device (third embodiment, col. 32-37, describes a system where a first AV connection device 204, by way of a terminal (TV), sends a request to the second AV connection device 205 for a command list, in response to the request, the second AV connection device 205 transmits text linking the first AV connection device 204 to the control panel of a secondary devices connected to the secondary AV connection device 205 (VTR, DVD player). Figure 28 shows a list of the devices connected through a network. Figure 31 shows an example of a control panel of a networked device (DVD player) which meets the limitation of having sent the control panel to the control device (TV)); and receives operation information from the control device, the operation information including a shifting history of a cursor (*As seen in Figures 5 and 7, the AV devices can be a TV, DVD or VTR, which are controlled by a remote control. Menus for controls on conventional remote controlled devices highlight (which reads on the claimed "cursor") a*

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*particular button so that the user knows which button is primed for selection by pressing an "enter" key) displayed on the control panel (third embodiment, col. 32-37 discloses that when a menu for a device (DVD Player, Fig. 31) is displayed, the user has the ability to select the any of the options available (Fig. 31, i201-i210), when selected by way of clicking on the buttons i201-i210 a corresponding command to the user's clicking is sent to the DVD player or VTR player. The command sent from by way of user selection by clicking on a choice i201-210 meets the limitation of sending operation information to the controlled device. The succession of each operation selected by the user as discussed above (e.g. a user selects a "play" button from the displayed control panel, and a minute into the program, the user selects a "fast forward", "reverse", etc) has sent a history of where the cursor has been due to the ability of the system to highlight a particular button (as discussed above) and via the selection of each button displayed on the control panel.); and*

a control unit which controls said controlled device using the operation information (third embodiment, col. 32-37 discloses that when a menu for a device (DVD Player, Fig. 31) is displayed, the user has the ability to select the any of the options available (Fig. 31, i201-i210), when selected by way of clicking on the buttons i201-i210 a corresponding command to the user's clicking is sent to the DVD player or VTR player. The command sent from by way of user selection by clicking on a choice i201-210 is received by the DVD player or VTR player and therefore meets the limitation of receiving operation information. Furthermore, the operation information (i201-i210

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received by the DVD player or VTR player or the like is implemented, such as, power on, play, stop, etc.),

wherein the shifting history represents a list of buttons depressed by the cursor  
*(As discussed above, the system of Saito et al. meets the claimed shifting history. Each user selection is a button that a user has highlighted (meeting claimed "cursor") and selected (meeting claimed "depressed")).*

**Regarding claim 6**, Saito teaches that the control device is a TV (Col. 37, lines 3-15) and that the controlled device is a videocassette recorder (col. 34, lines 35-44).

**Regarding claim 7**, Saito teaches that similar to the VCR and the DVD player, the system has the ability to connect to a digital album server (col. 32, lines 25-32).

**Regarding claims 8, 11 and 12**, Saito teaches the claimed wherein the communication unit communicates with the controlled device via a serial bus conformed to IEEE 1394 protocol (Fig. 27, col. 32, lines 33-58, col. 32, lines 15-24).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gelek Topgyal whose telephone number is 571-272-8891. The examiner can normally be reached on 8:30am -5:00pm.

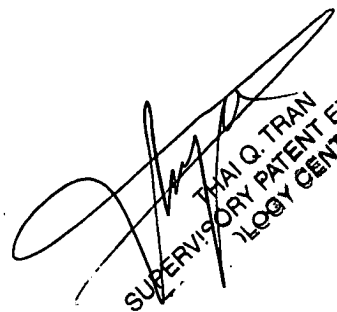
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

GT  
7/2/2007

  
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